



SR 520 Tolling: Traffic Monitoring

Friday, January 13, 2012

Baseline data: M-F, 10/29-11/18 & 11/26-12/16

Daily Volume:

% change
1/13/2012
baseline

SR 520 Bridge

-38%
63,100
101,100

I-90 Bridge

14%
157,400
137,900

Cross-lake Total I-90, SR 520, SR 522

-5%
266,500
279,700

SR 522 at 68th Ave NE

13%
46,000
40,700

Traffic Summary:

The total daily traffic volume on the SR 520 bridge was down 38% compared to normal weekday, slightly lower than volume seen on Thursday, 1/12/12. I-90 volume was up 14% and SR 522 volume was up 13%. Total cross-lake volume on SR 520, I-90, and SR 522 was down 5% compared to a typical November-December weekday. Volume throughout the rest of the region was up 1-9%. SR 520 westbound volume reached pre-tolling levels during the morning peak and for a short time during the evening peak. I-90 westbound travel time into Seattle reached up to 45 minutes from Bellevue during the morning peak. There was a disabled semi near the Mt Baker Tunnel blocking the right lane for an hour and a half between 6:30 and 8:00 am. SR 520 travel time continued to be faster than pre-tolling levels. SR 522 travel time was just about the same as pre-tolling levels except for eastbound in the afternoon which was about 5-7 minutes slower than usual between I-5 and Woodinville.

Major Incidents:

Collision on I-5 SB at Pacific Ave blocking 1 lane from 5:31 am to 6:41 am
 Collision on SR 167 NB at W Main St blocking 1 lane from 6:51 to 8:06 am
 Collision on I-405 SB at SR 527 blocking 1 lane from 8:35 to 9:10 am
 Collision on I-5 NB at Yesler Way blocking 1 lane from 11:14 to 11:22 am
 Collision on I-5 NB at Marine View Dr blocking 1 lane from 3:14 to 3:16 pm
 Collision on I-5 SB at James St blocking 1 lane from 4:21 to 5:04 pm
 Collision on I-405 SB at 112th Ave SE blocking 1 lane from 6:06 to 6:48 pm
 Disabled vehicle on I-90 EB at Island Crest Way blocking 1 lane from 7:40 to 7:52 am
 Disabled vehicle on I-90 WB at Mt Baker Tunnel blocking 1 lane from 6:29 to 7:56 am
 Disabled vehicle on I-5 NB at Albrow Pl blocking 1 lane from 10:03 to 10:10 am
 Disabled vehicle on I-5 SB at Spokane St blocking 1 lane from 4:10 to 4:22 pm
 Disabled vehicle on I-5 NB at W Seattle Bridge blocking 1 lane from 6:30 to 6:51 pm

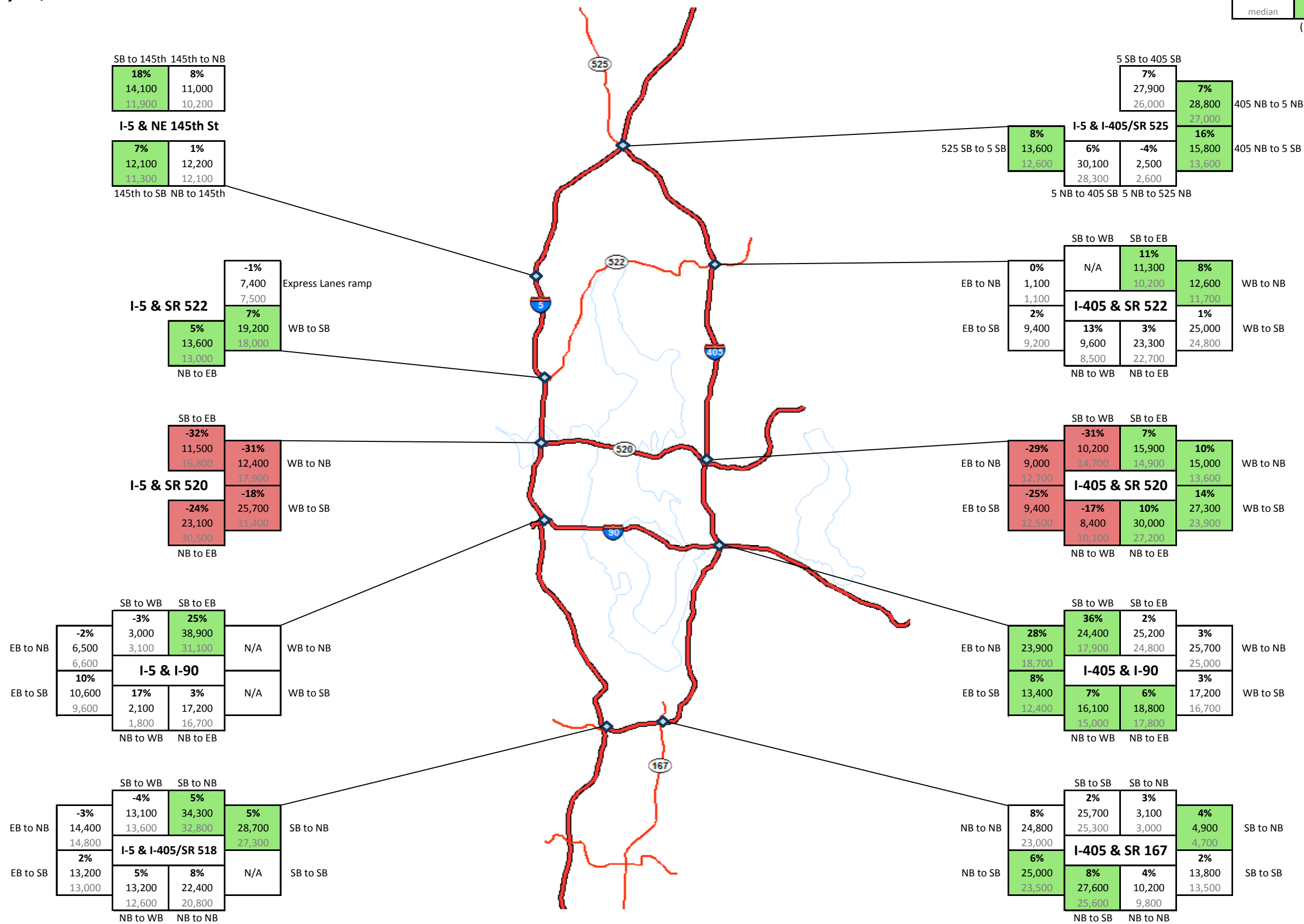
Special Events:

None

SR 520 Tolling: Traffic Monitoring
Daily Interchange Volumes
Friday, January 13, 2012

Base data: M-F, 10/29-11/18 & 11/26-12/16

% change	above range	below range
1/13/2012	of typical	of typical
median	variation	variation
	(10th/90th percentile)	



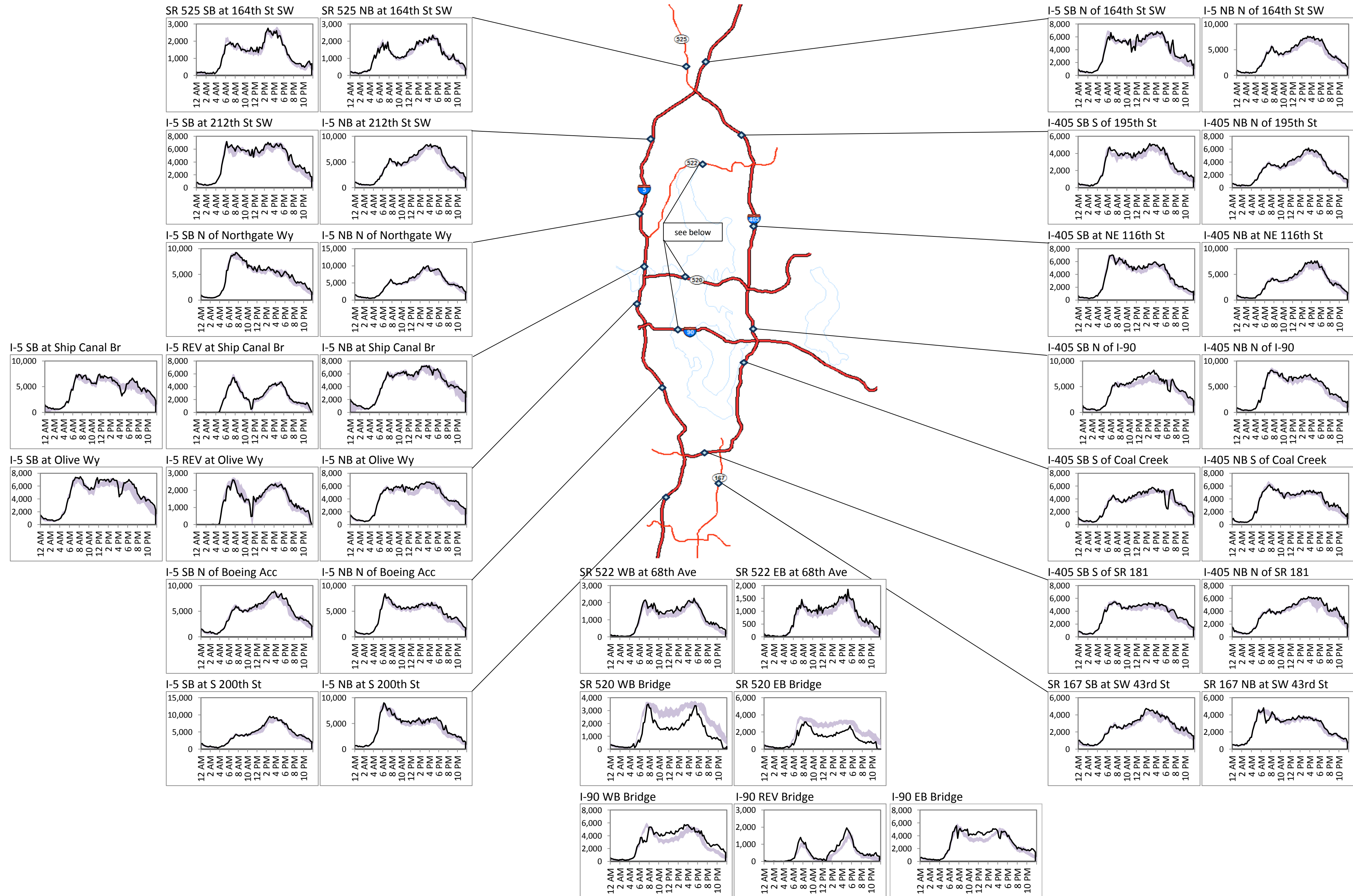
SR 520 Tolling: Traffic Monitoring

Hourly Mainline Volumes

Friday, January 13, 2012

— Friday, January 13, 2012

■ Typical Range (10-90%ile, M-F, 10/29-11/18 & 11/26-12/16)



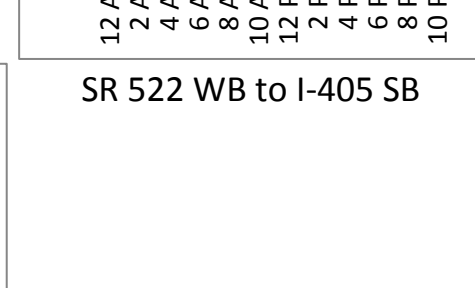
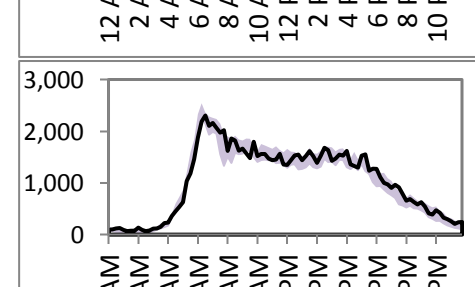
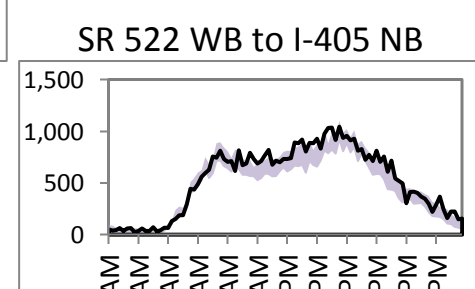
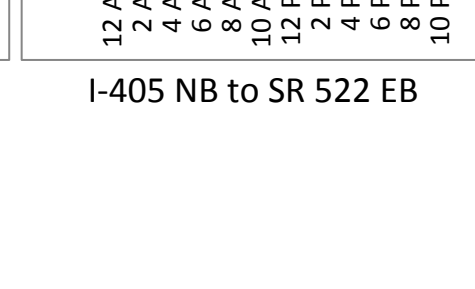
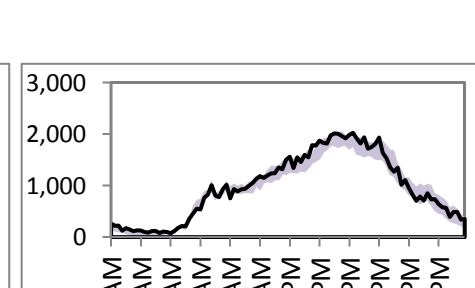
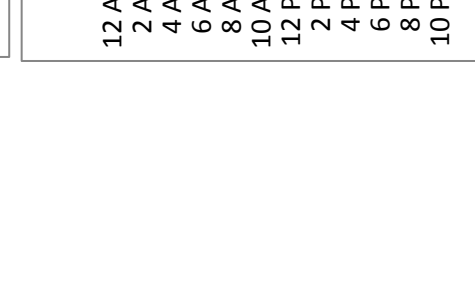
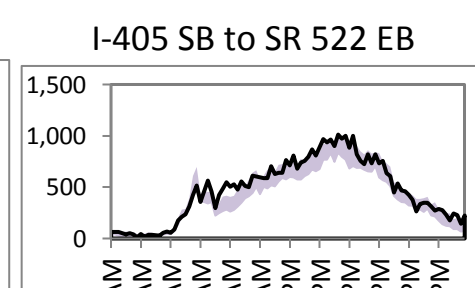
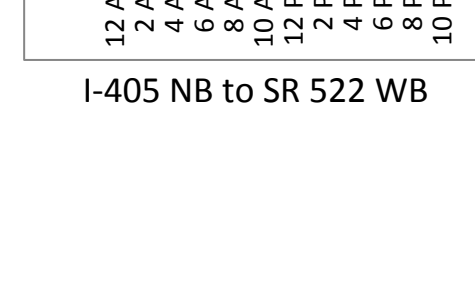
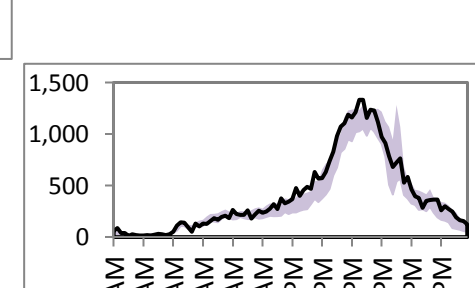
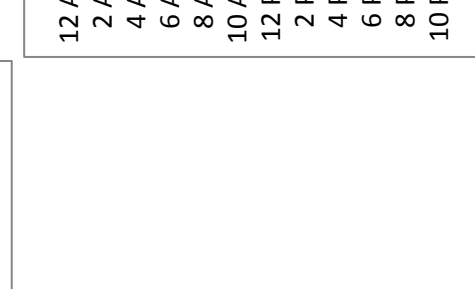
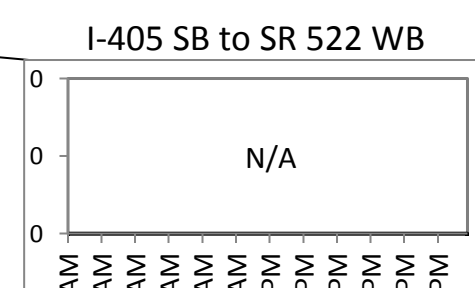
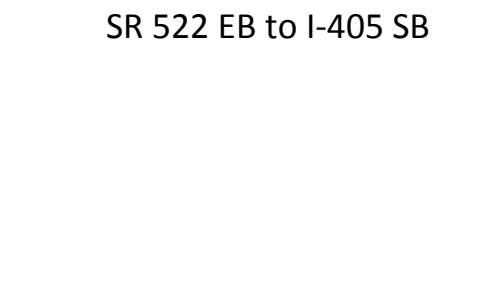
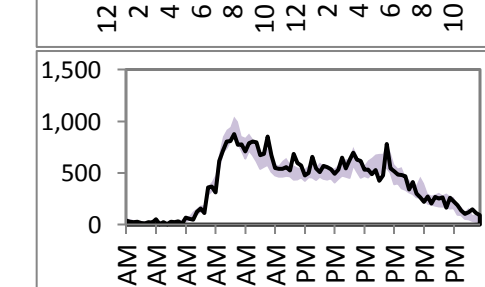
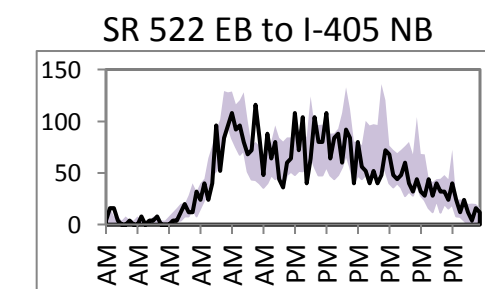
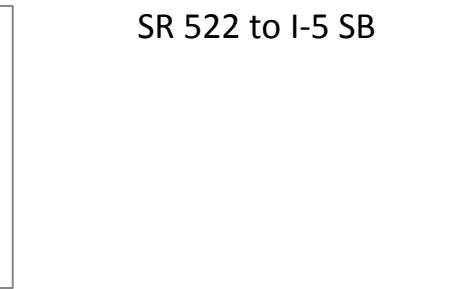
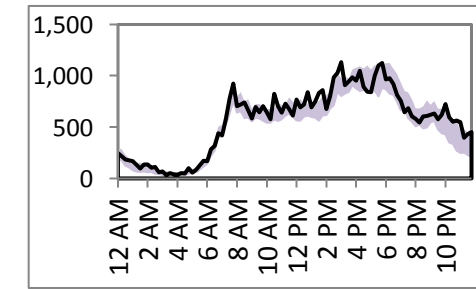
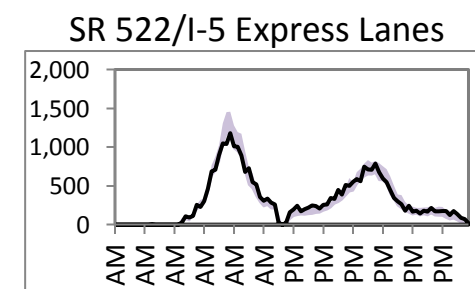
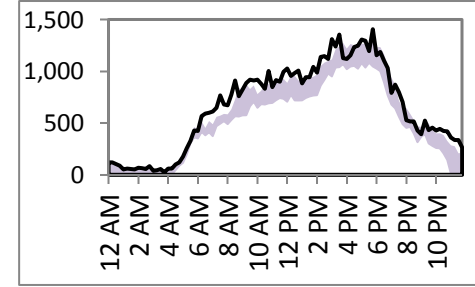
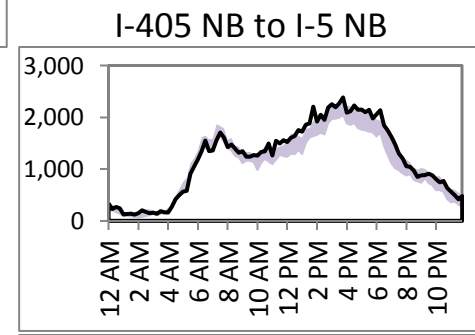
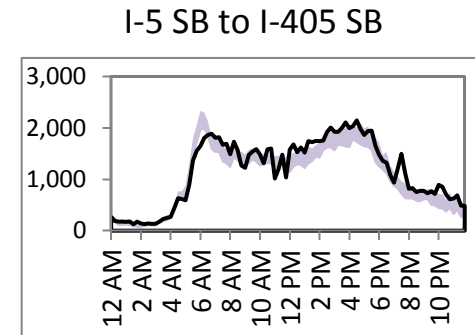
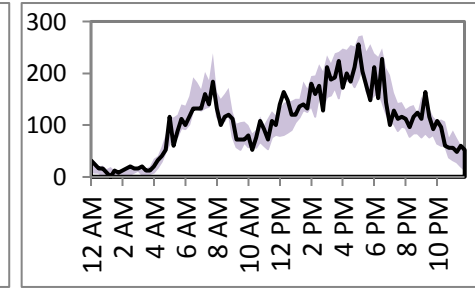
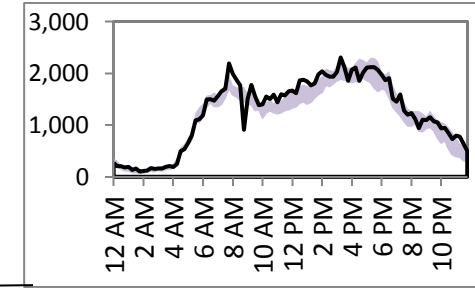
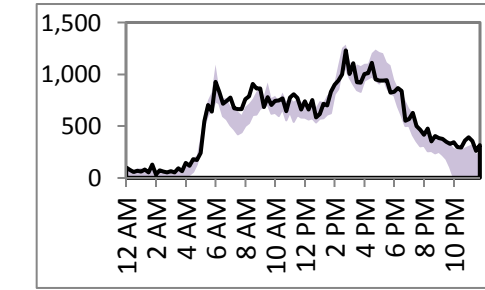
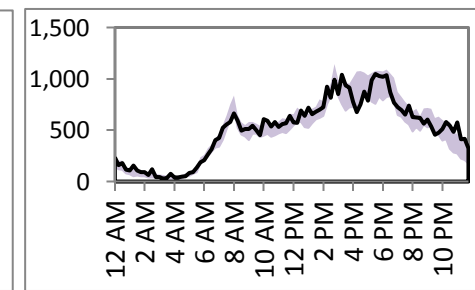
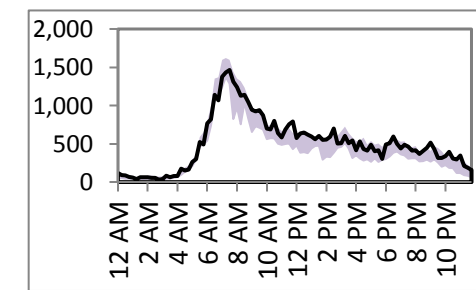
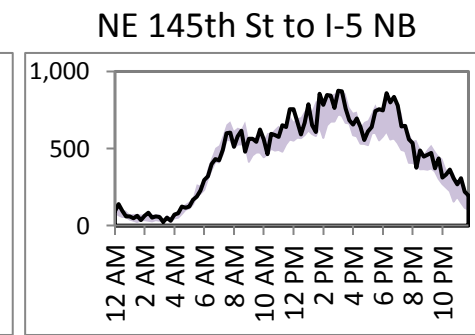
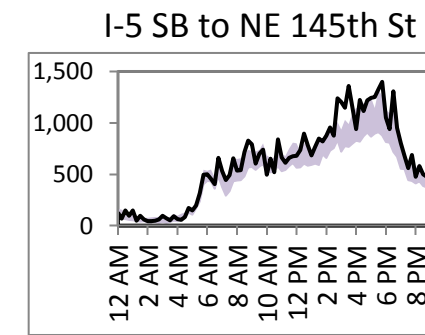
SR 520 Tolling: Traffic Monitoring

Hourly Interchange Volumes

Friday, January 13, 2012

— Friday, January 13, 2012

■ Typical Range (10-90%ile, M-F, 10/29-11/18 & 11/26-12/16)



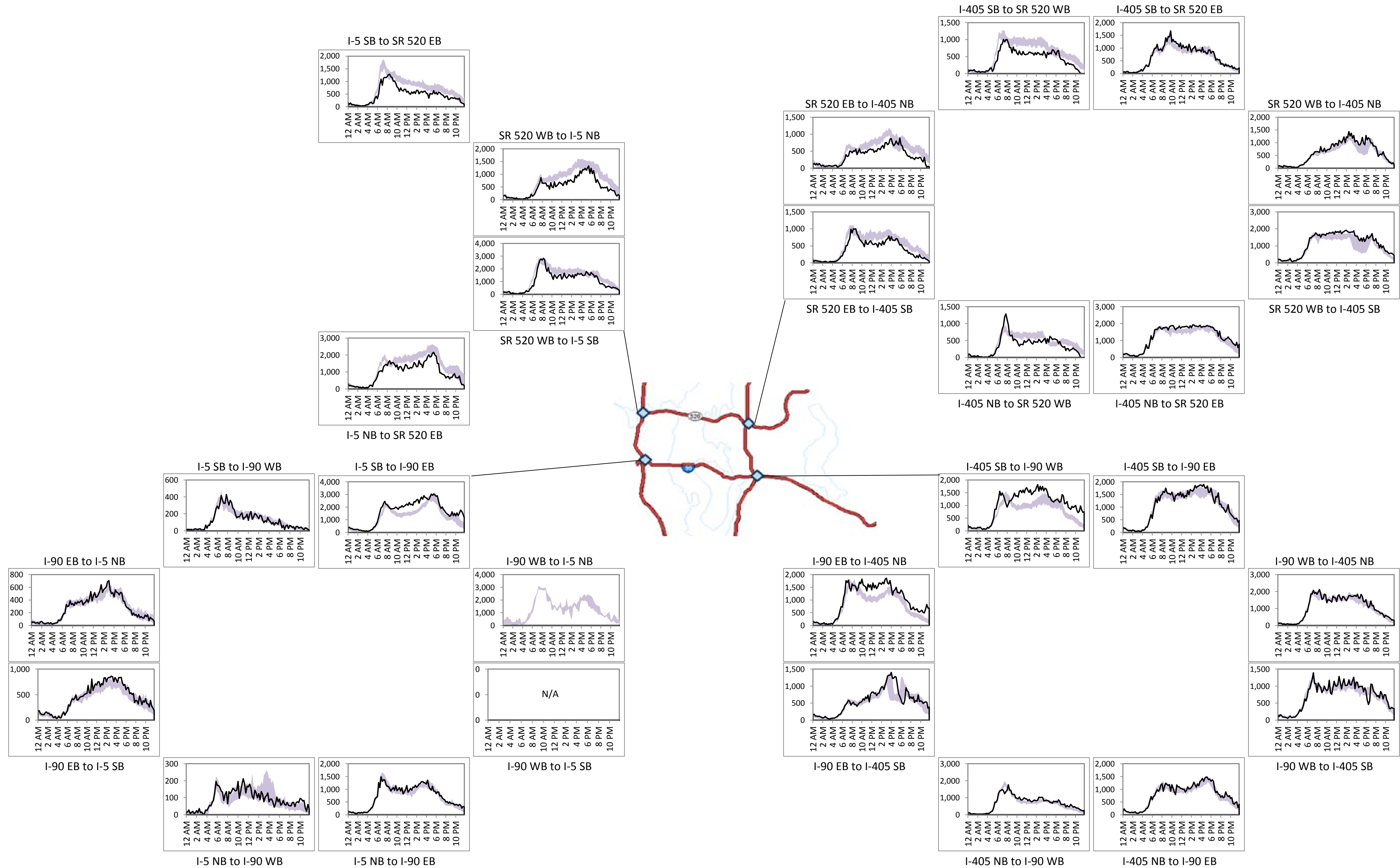
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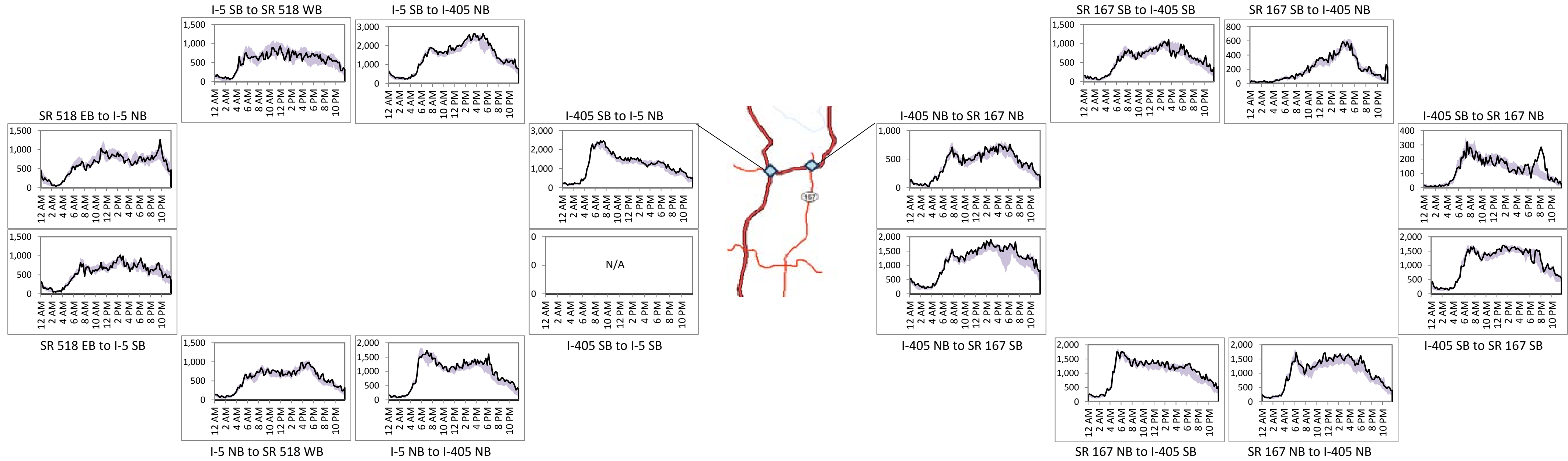
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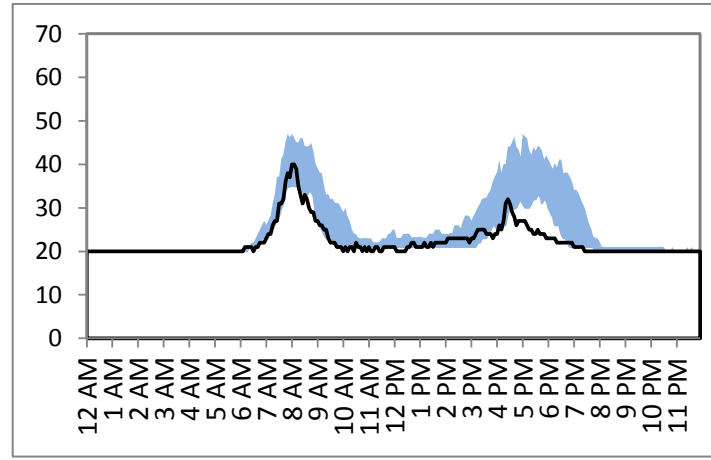
Travel Times

Friday, January 13, 2012

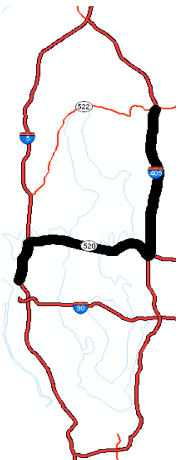
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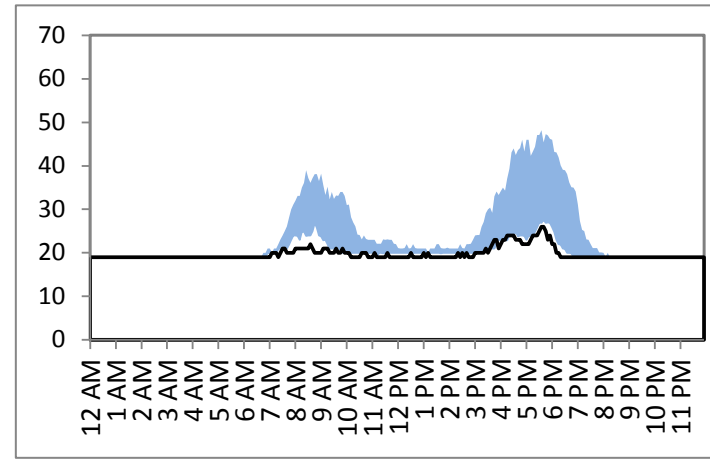
Woodinville to Seattle



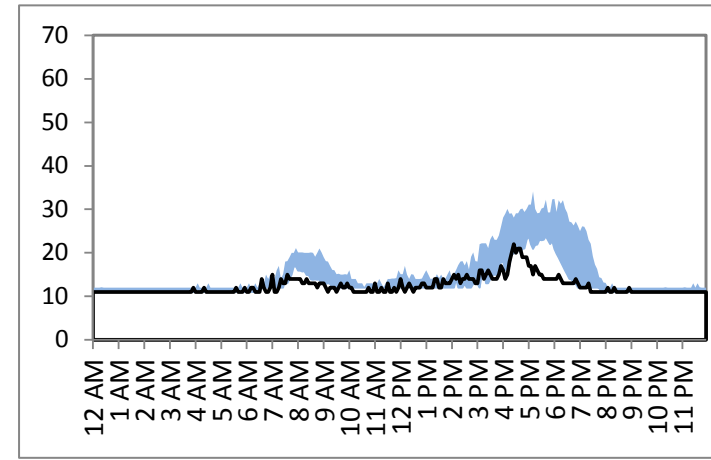
via 520



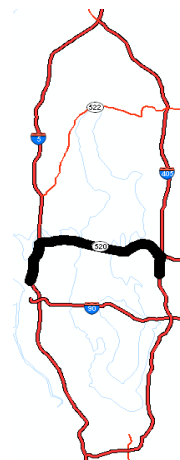
Seattle to Woodinville



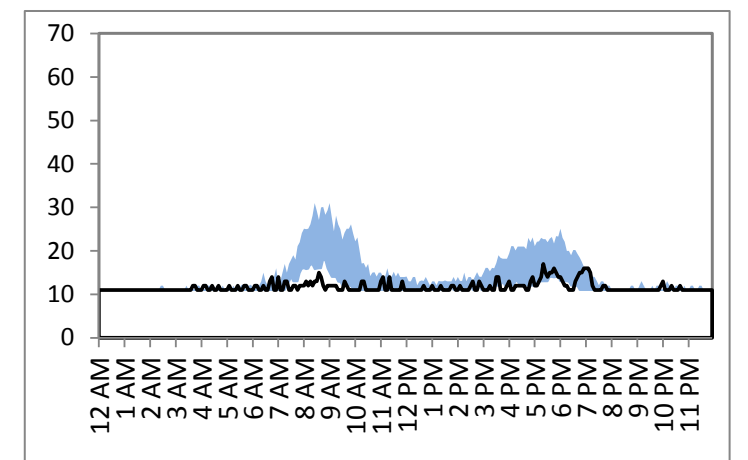
Bellevue to Seattle



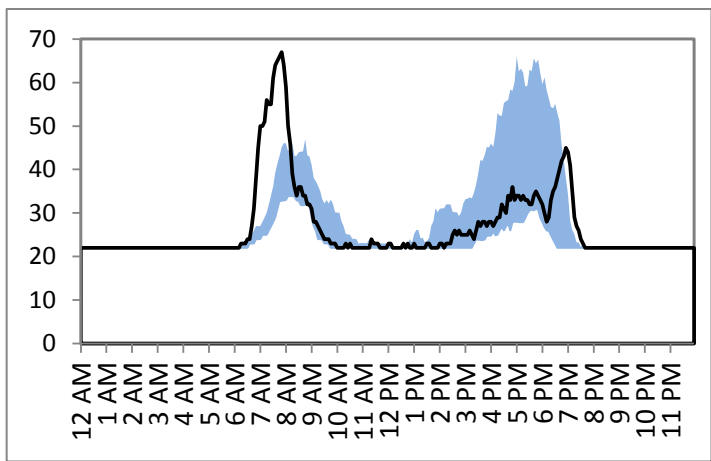
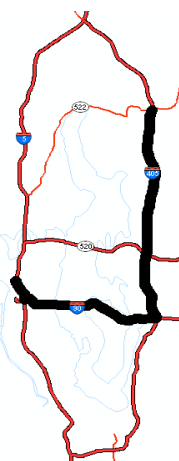
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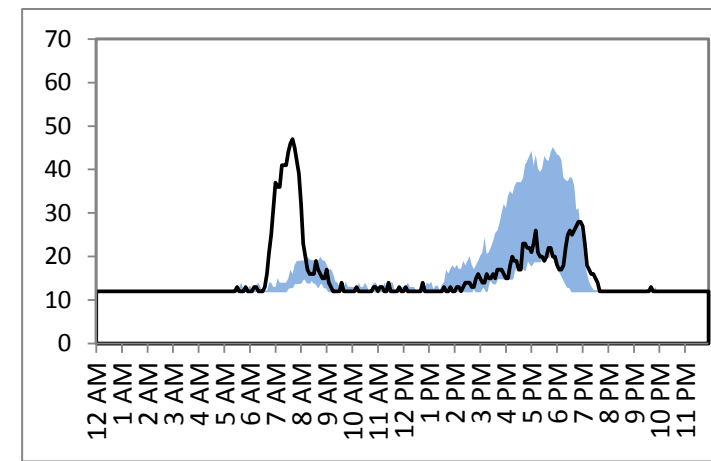
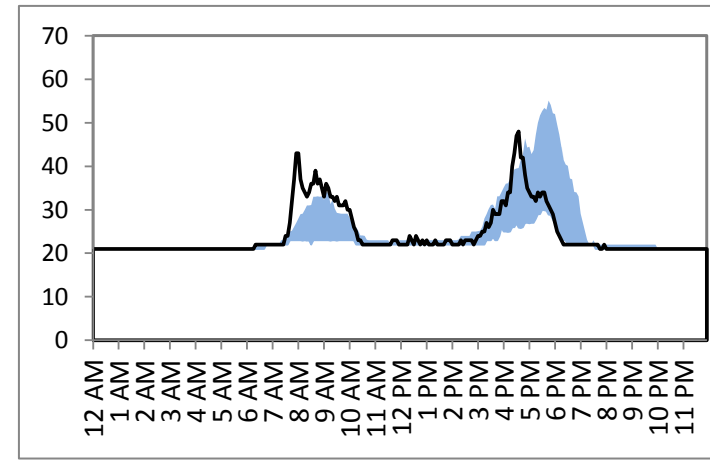
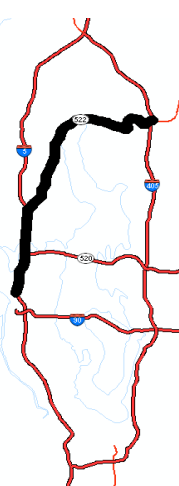
Seattle to Bellevue



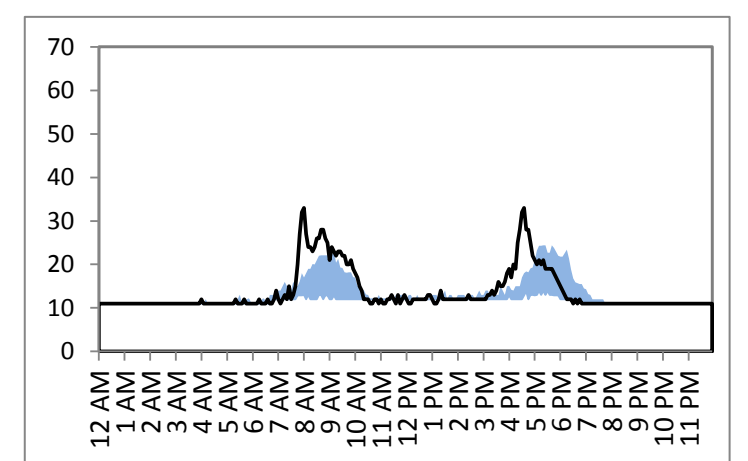
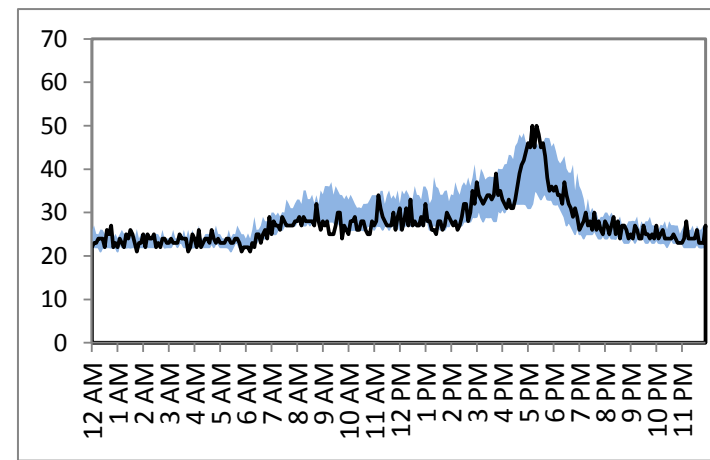
via I-90



via SR 522



via I-90



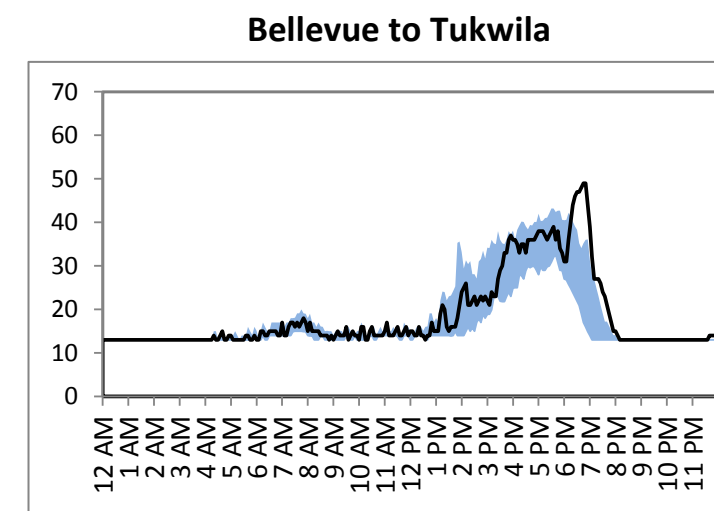
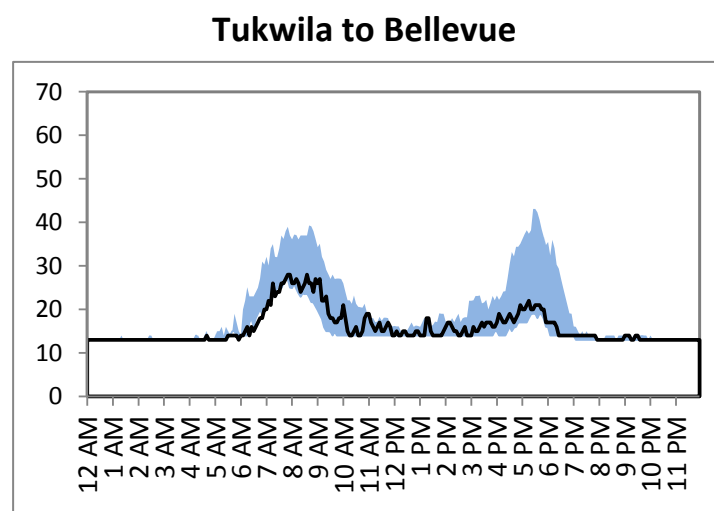
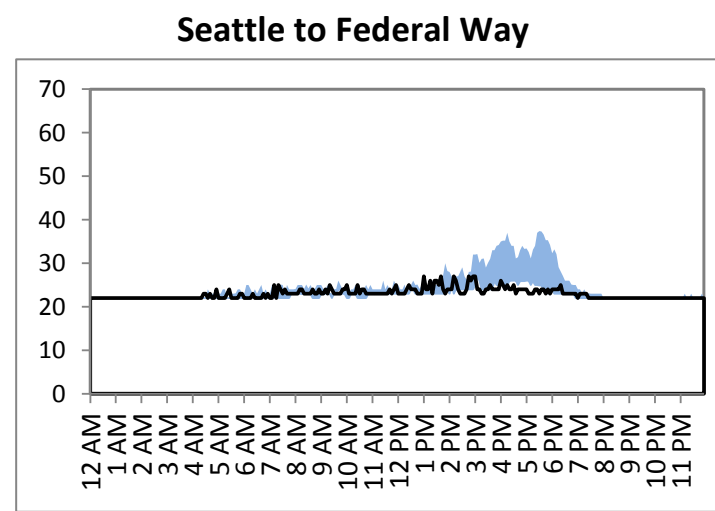
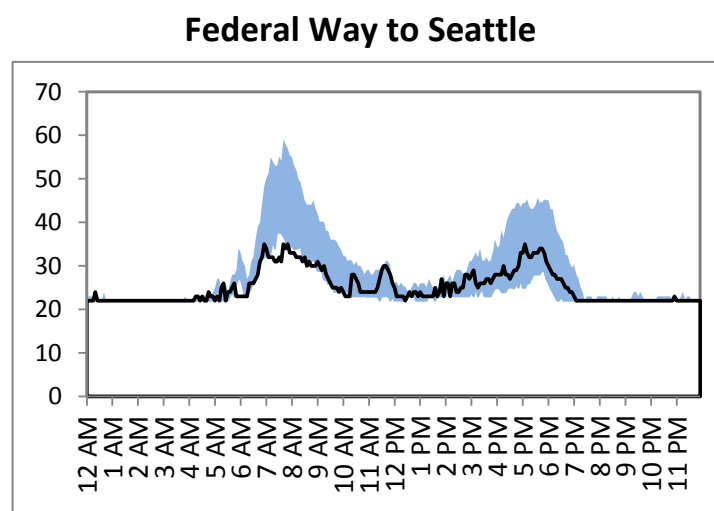
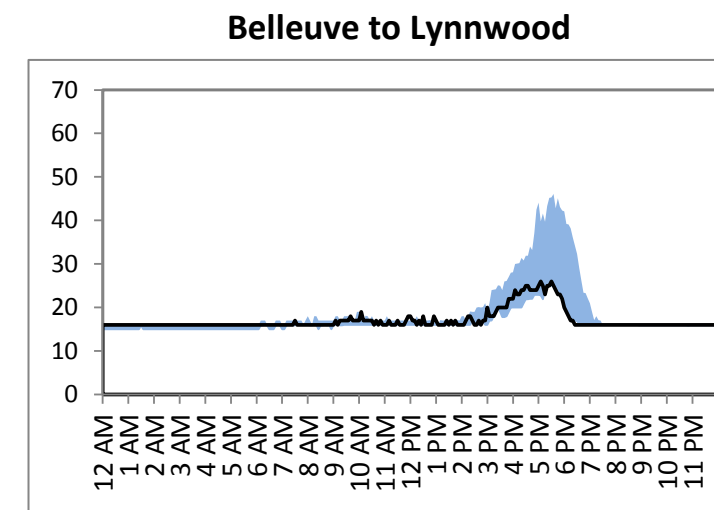
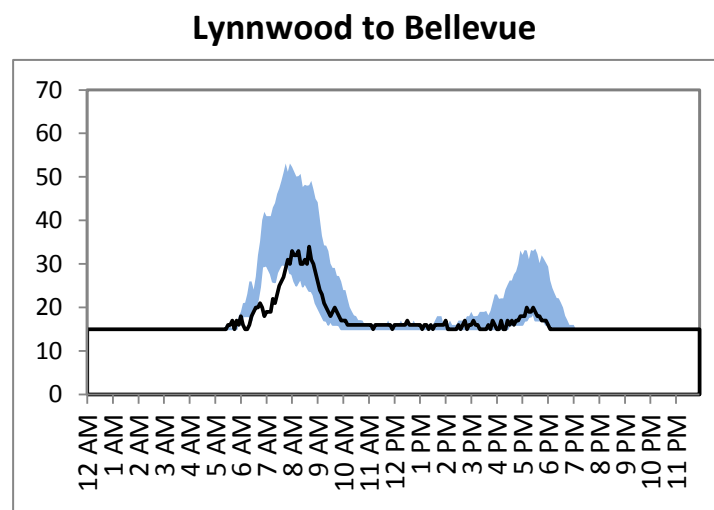
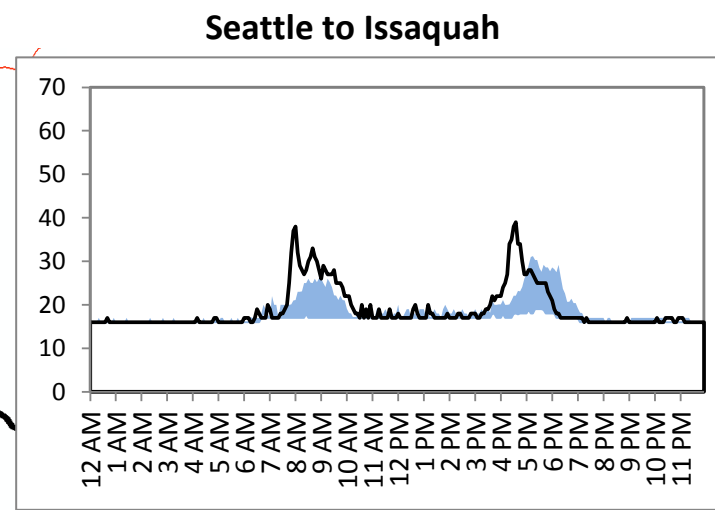
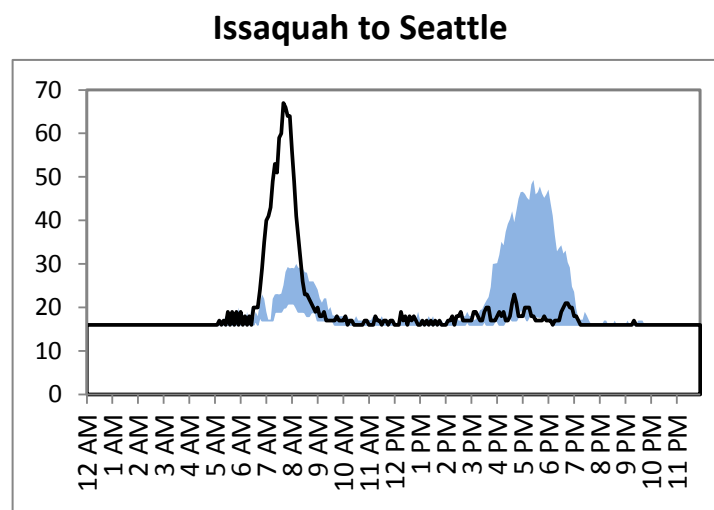
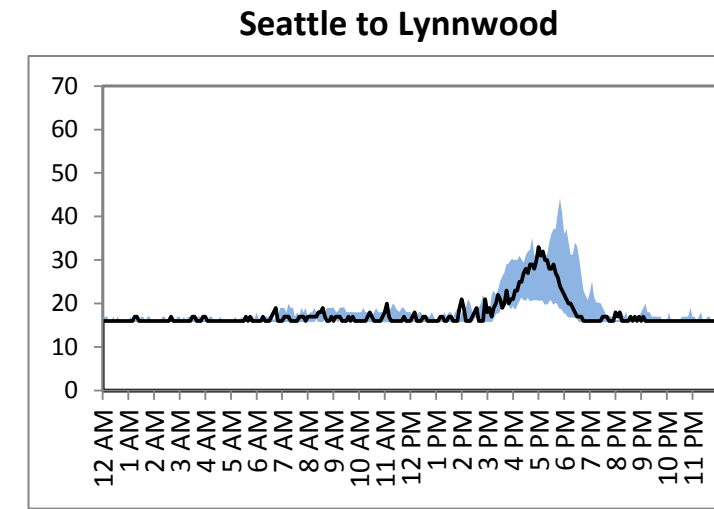
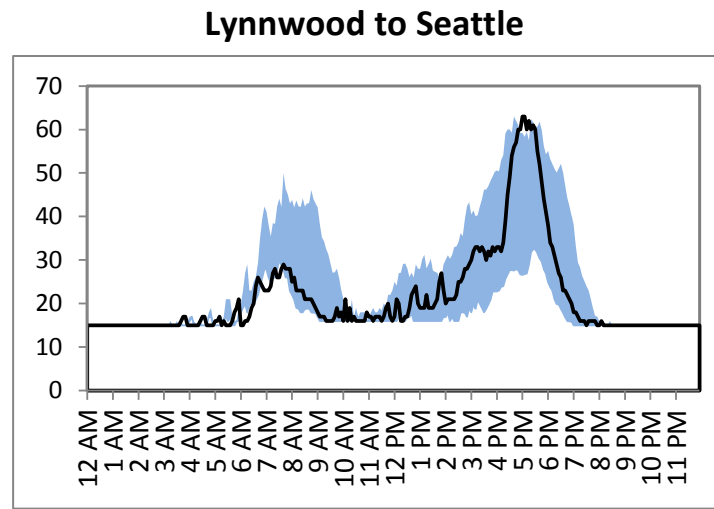
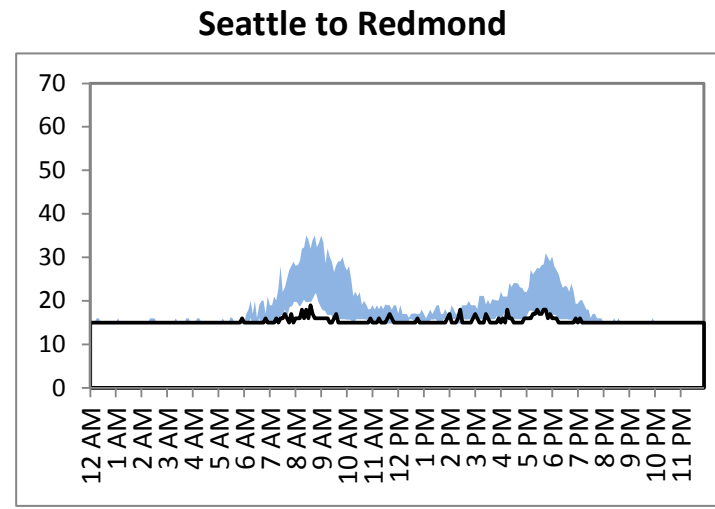
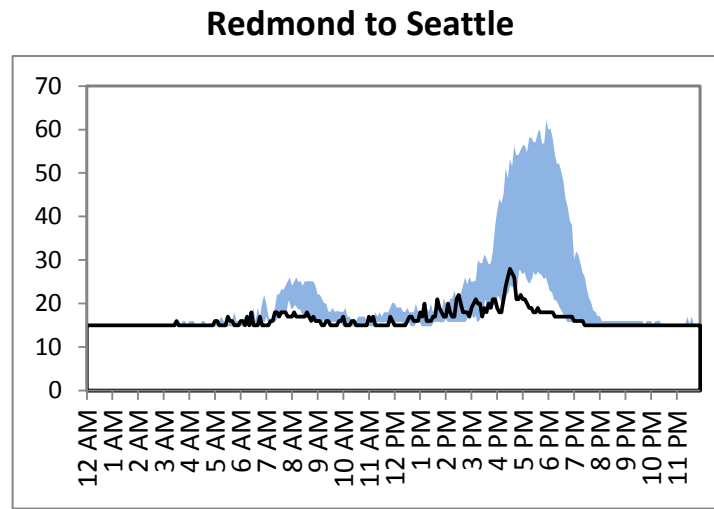
SR 520 Tolling: Traffic Monitoring

Travel Times

Friday, January 13, 2012

— Friday, January 13, 2012

■ Typical Range (10-90%ile, M-F, 10/29-11/18 & 11/26-12/16)



SR 520 Tolling: Traffic Monitoring

SR 520 Detail

Friday, January 13, 2012

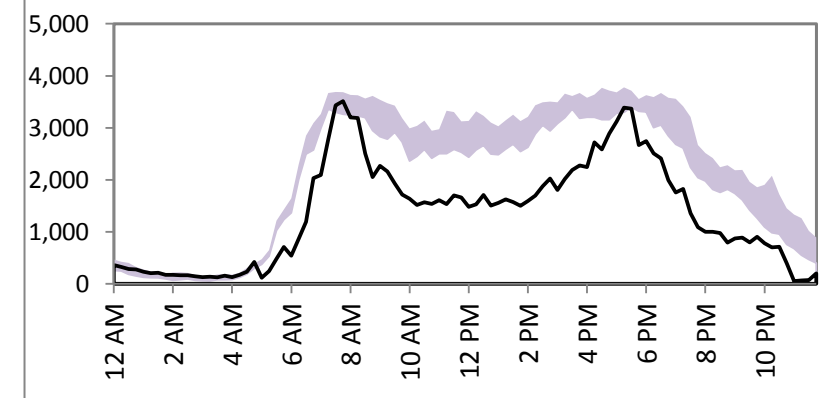
Mainline Volume



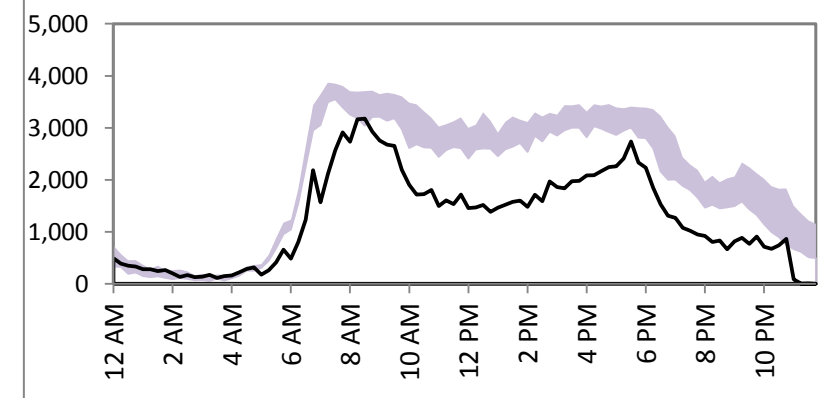
SR 520 Bridge

WB	EB
-37%	-39%
32,700	30,400
51,600	49,500

SR 520 WB Bridge



SR 520 EB Bridge



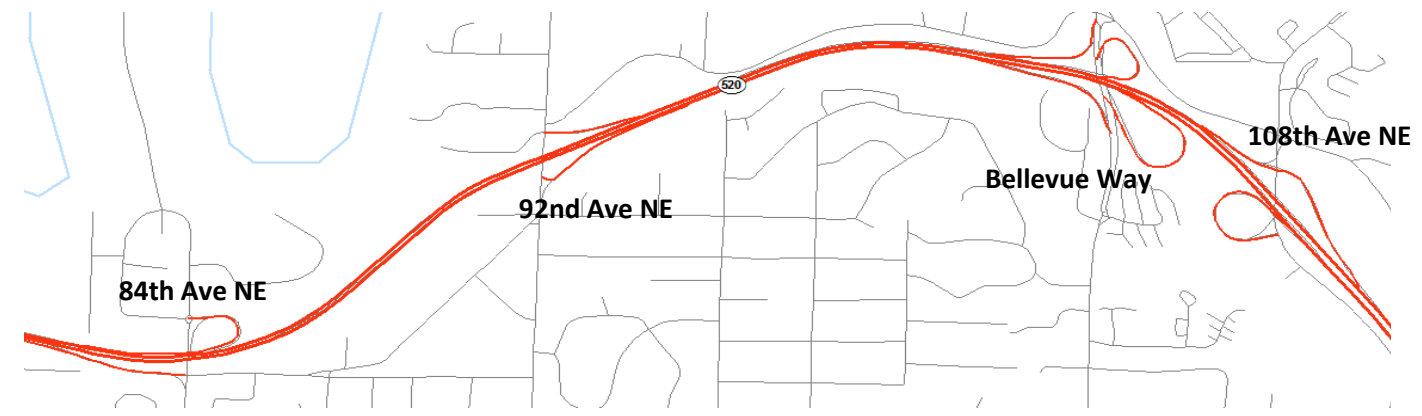
Ramp Volume

Montlake Blvd		Lk Wa Blvd
WB on ramp	WB exit	WB exit
14%	-34%	-34%
15,500	6,400	3,300
13,600	9,700	5,000

84th Ave NE	92nd Ave NE	Bellevue Way		108th Ave NE	
WB on ramp	WB exit	NB to WB on ramp	SB to WB on ramp	WB on ramp	WB exit
-56%	13%	-31%	-31%	-23%	-9%
2,500	4,300	2,400	3,500	2,400	11,200
5,700	3,800	3,500	5,100	3,100	12,300



13%	-31%	-43%
13,900	8,400	2,800
12,300	12,100	4,900
EB exit	EB on ramp	EB on ramp
Montlake Blvd	Lk Wa Blvd	



-49%	0%	-32%	2%
2,900	4,900	6,100	10,700
5,700	4,900	9,000	10,500
EB exit	EB on ramp	EB exit	EB on ramp
84th Ave NE	92nd Ave NE	Bellevue Way	108th Ave NE

SR 520 Tolling: Traffic Monitoring

I-90 Detail

Friday, January 13, 2012

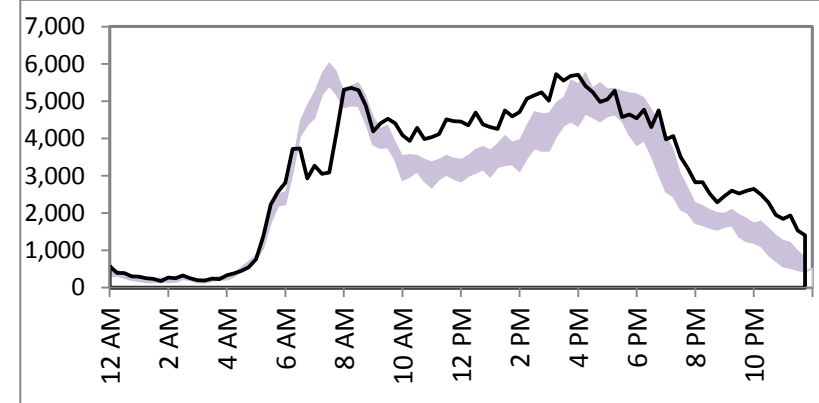
Mainline Volume



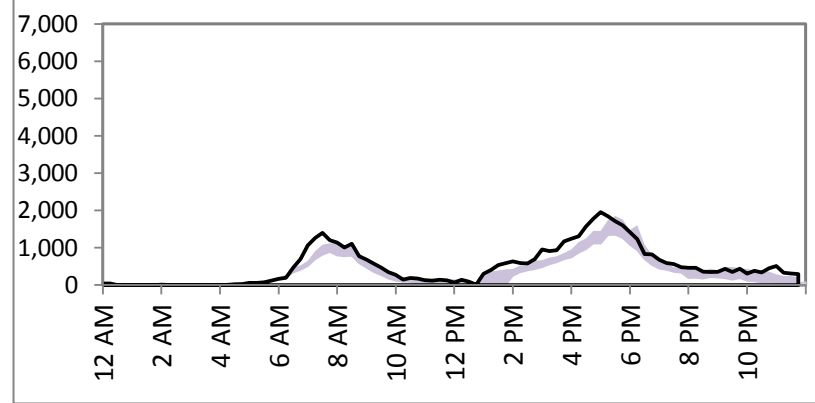
I-90 Bridge

WB	EB
15%	14%
78,800	78,600
68,800	69,100

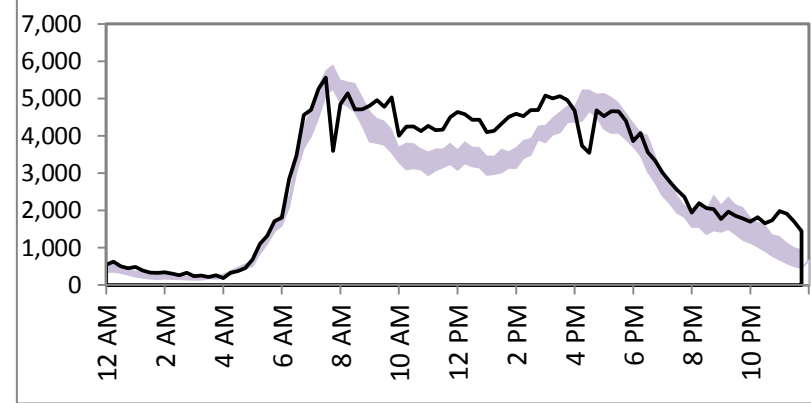
I-90 WB Bridge



I-90 REV Bridge



I-90 EB Bridge



Bellevue Way Ramp Volume

I-90 EB to Bellevue Way	Bellevue Way to I-90 WB
19%	15%
9,600	10,700
8,100	9,300

SR 520 Tolling: Traffic Monitoring

SR 522 Detail

Friday, January 13, 2012

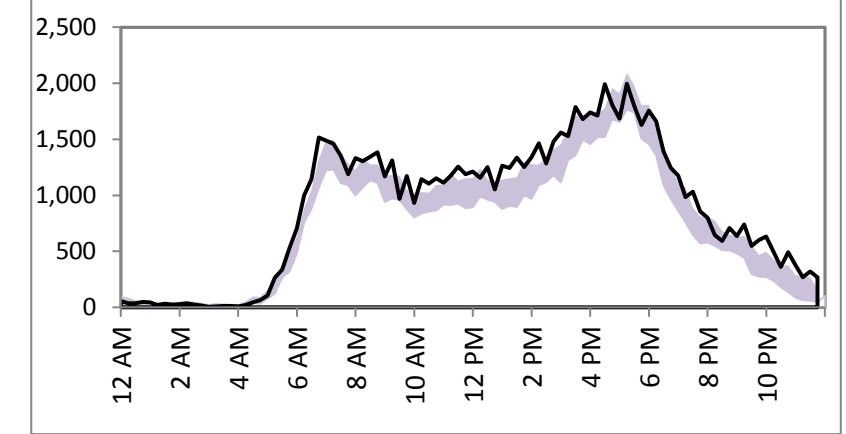
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Mainline Volume

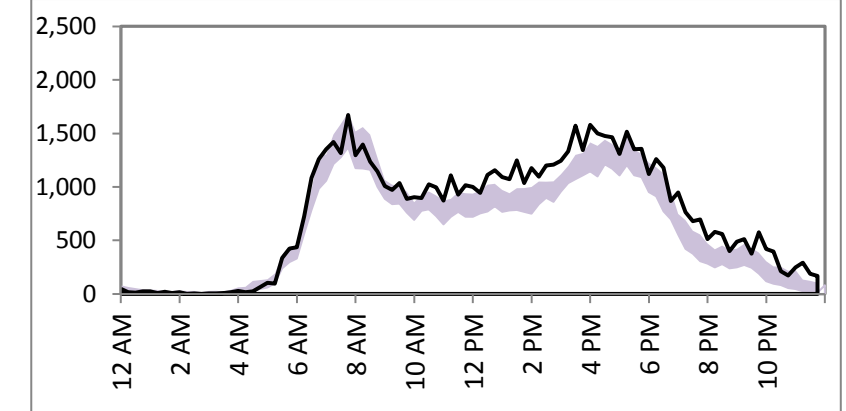


83rd PI NE	
WB	EB
13%	17%
21,400	17,800
18,900	15,200

SR 522 WB at 83rd Ave NE

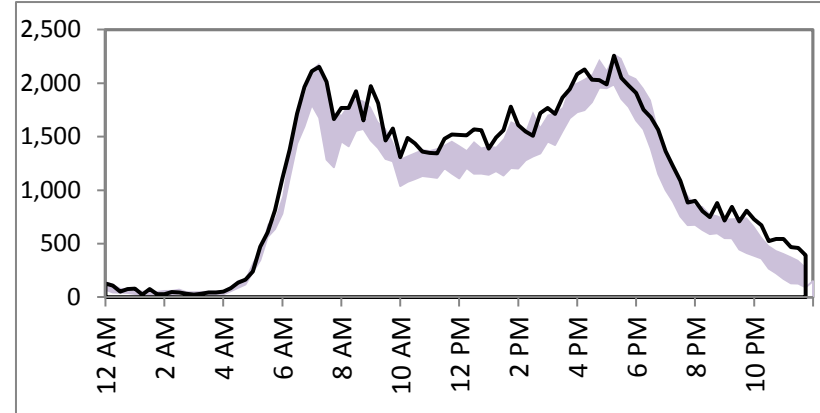


SR 522 EB at 83rd Ave NE



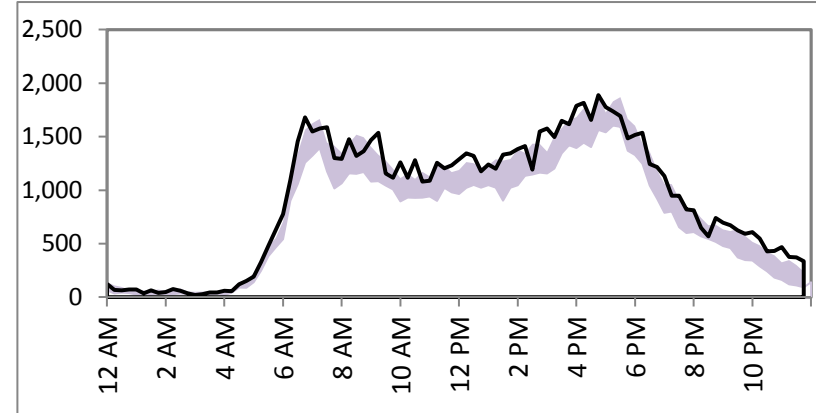
68th Ave NE	
WB	EB
12%	14%
26,900	19,100
24,000	16,700

SR 522 WB at 68th Ave NE



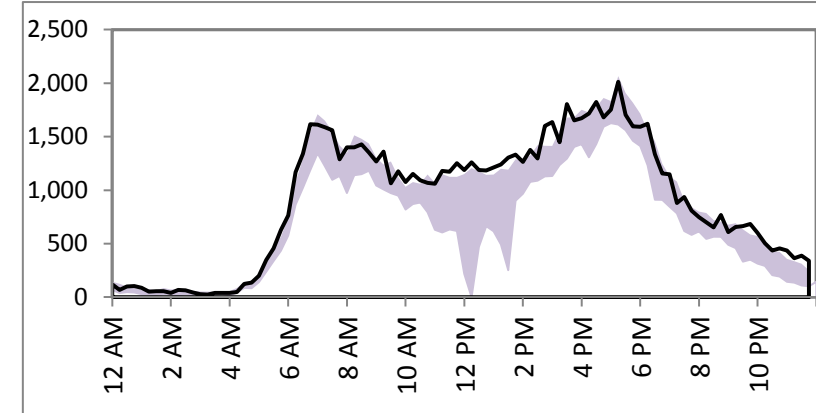
73rd Ave NE	
WB	EB
12%	14%
22,100	21,000
19,700	18,400

SR 522 WB at 73rd Ave NE



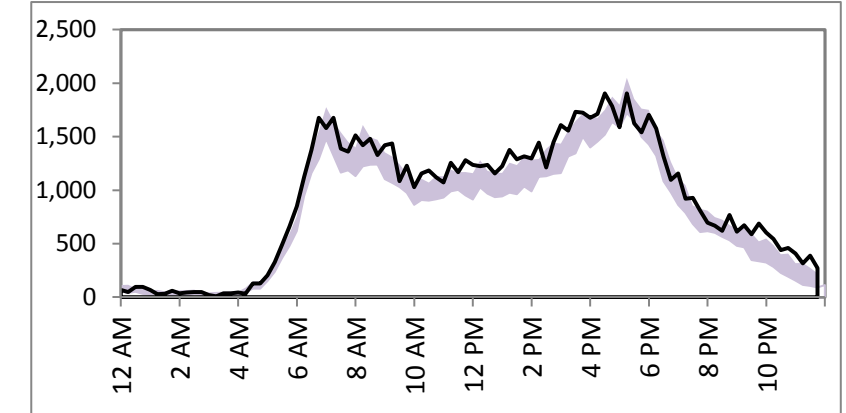
77th Ct NE	
WB	EB
9%	13%
22,000	21,000
20,100	18,600

SR 522 WB at 77th Ct NE

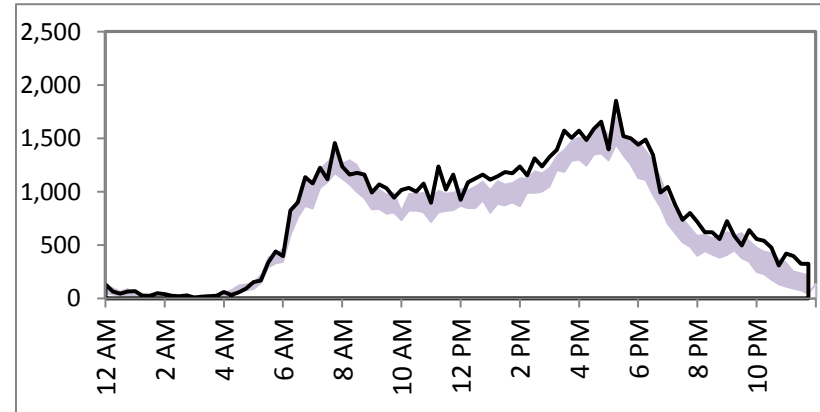


80th Ave NE	
WB	EB
10%	14%
22,000	20,300
20,000	17,800

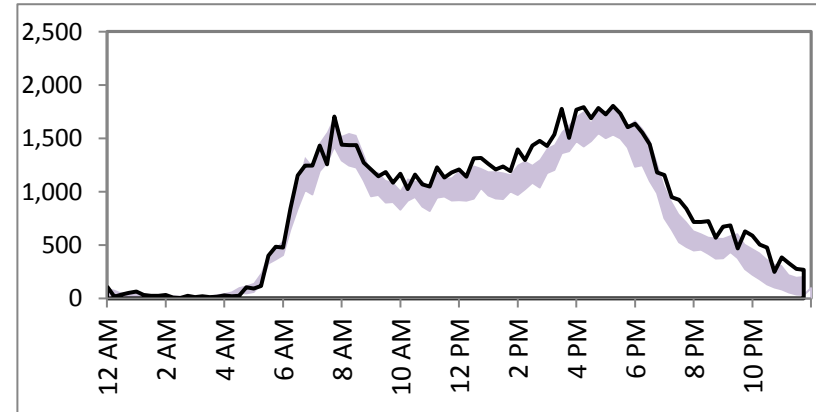
SR 522 WB at 80th Ave NE



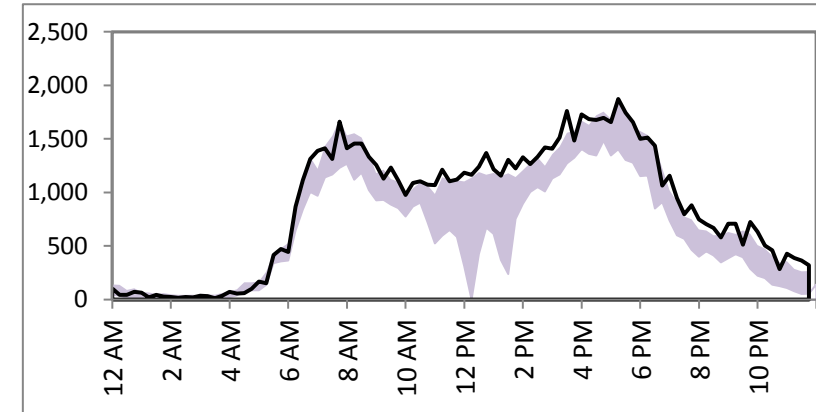
SR 522 EB at 68th Ave NE



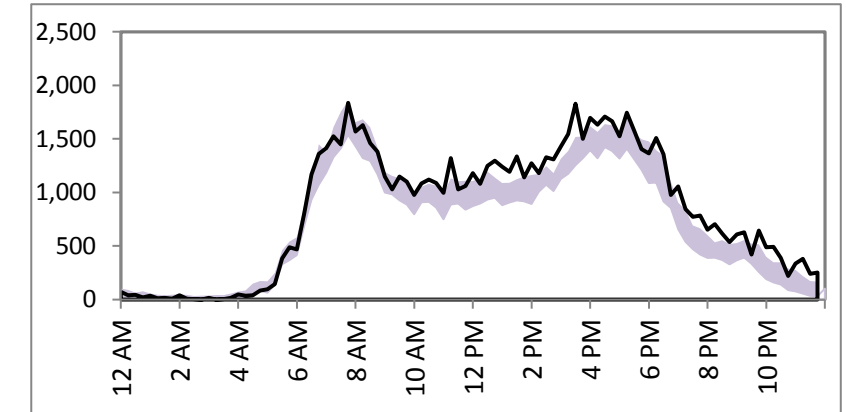
SR 522 EB at 73rd Ave NE



SR 522 EB at 77th Ct NE



SR 522 EB at 80th Ave NE

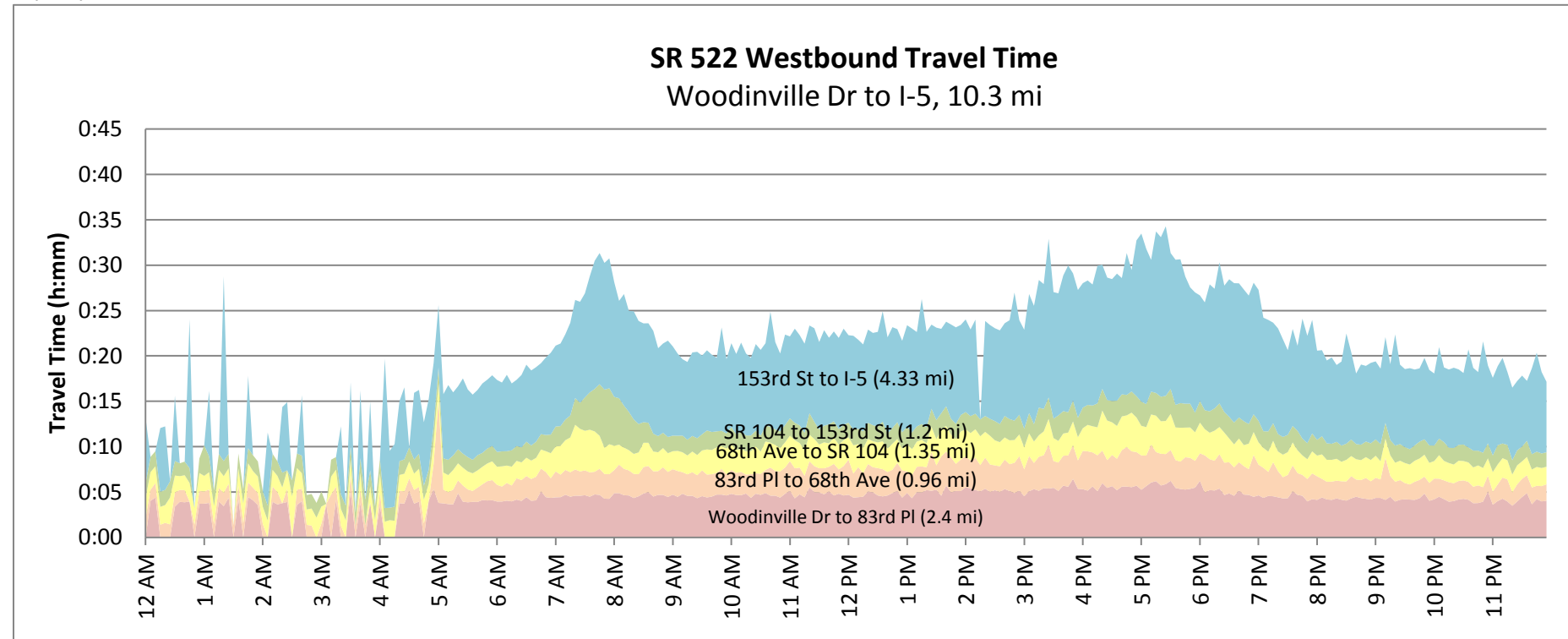


SR 520 Tolling: Traffic Monitoring

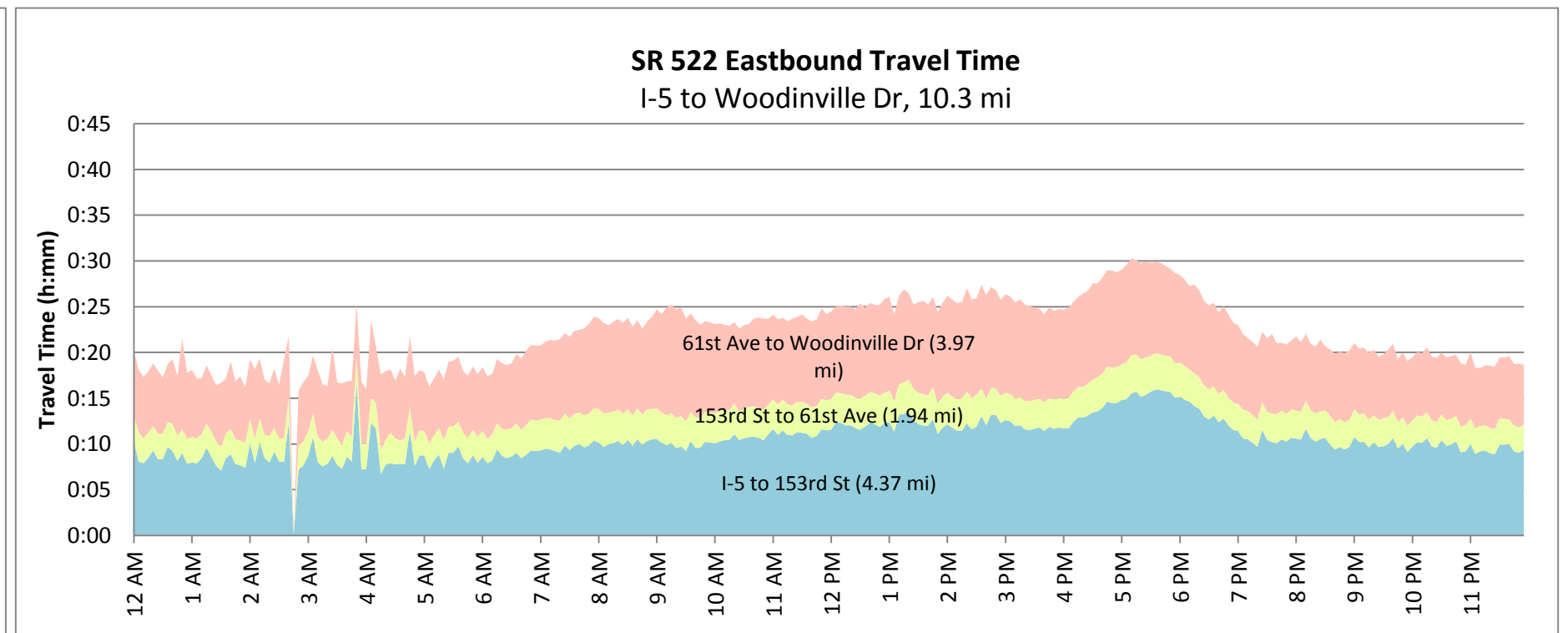
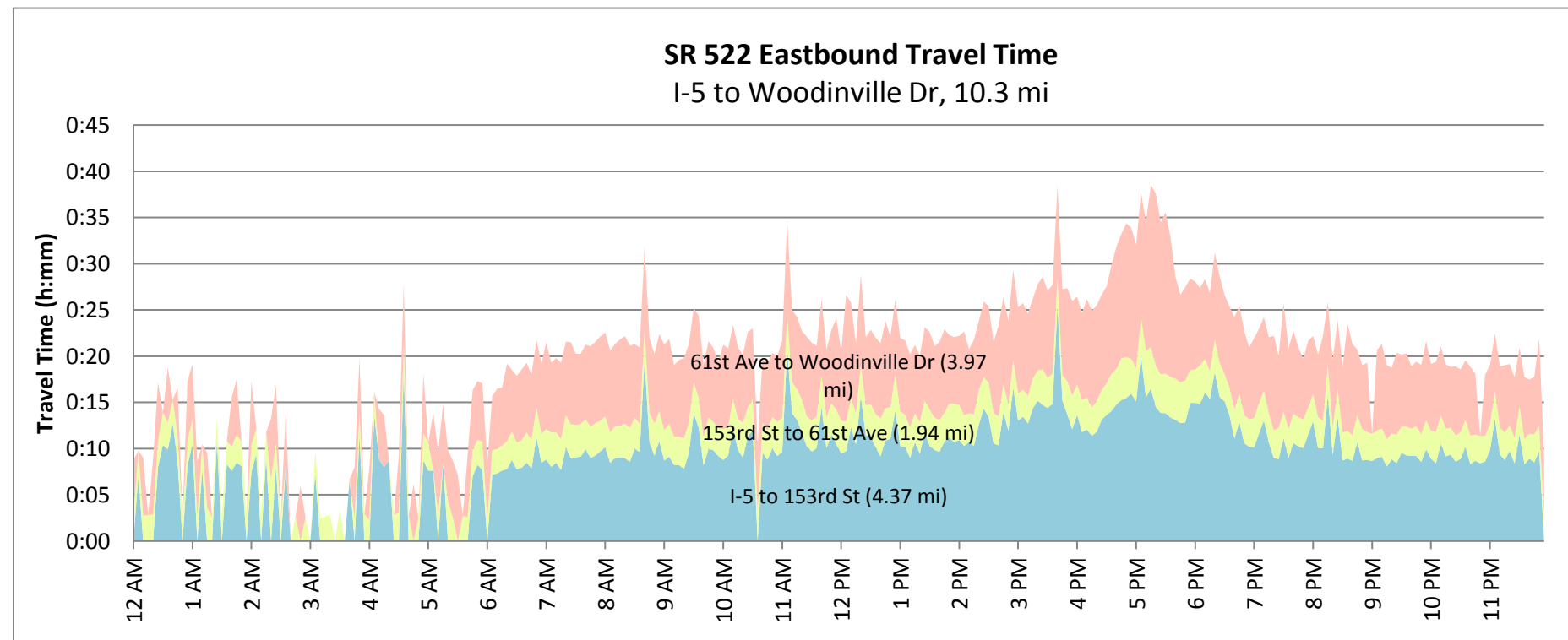
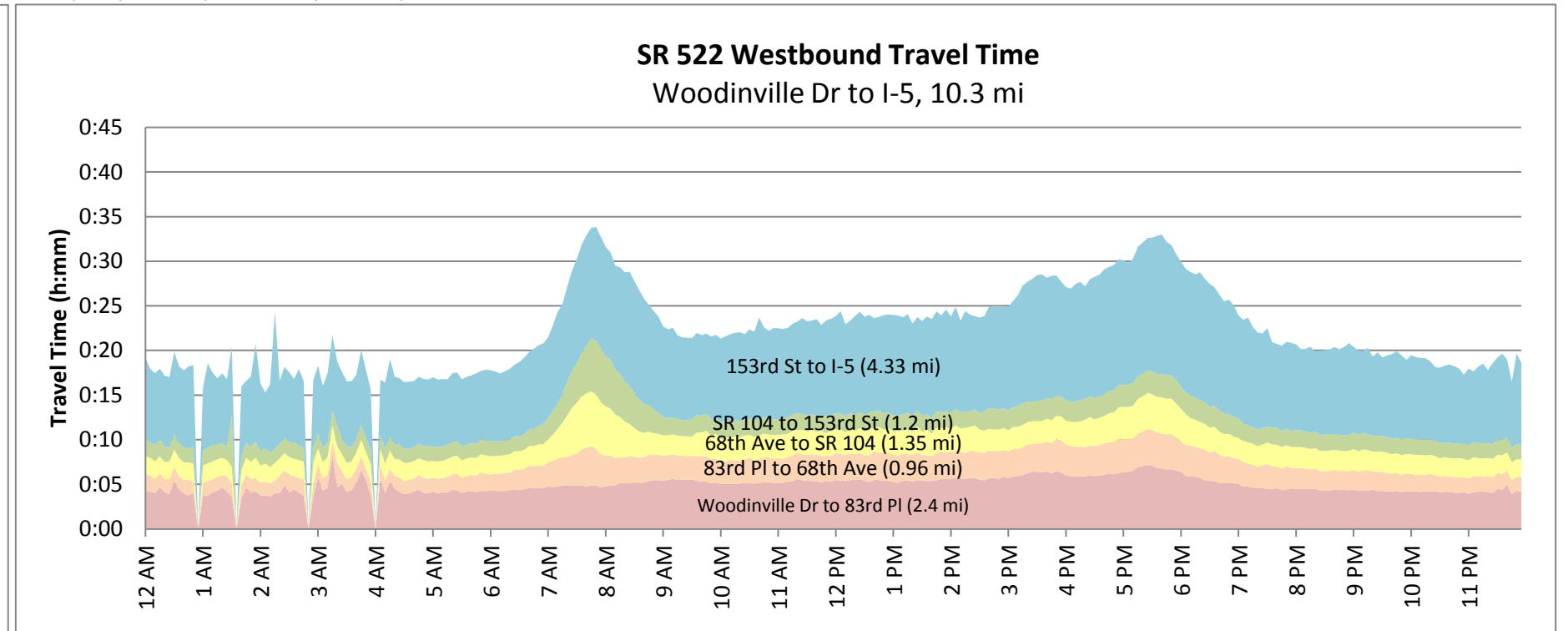
SR 522 Travel Times

Friday, January 13, 2012

1/13/2012



M-F, 10/29-11/18 & 11/26-12/16



Note: travel time data may be unavailable during time periods with low traffic volume